

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
C-2501

U.S. PTO
09/912290

07/31/01

In Re Application Of:

Tianli Zhu, et al

Serial No.

Filing Date

Examiner

Group Art Unit

Title:

Oxygen-assisted Water Gas Shift Reactor Having a Supported Catalyst, and Method for its Use

Address to:

Assistant Commissioner for Patents
Washington, D.C. 20231

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
2. a Notice of Allowance under 37 CFR 1.311,

whichever occurs first.

Also submitted herewith is:

- ☐ a certification as specified in 37 CFR 1.97(e);

OR

- ☐ the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

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10971 U.S. PTO
09/919290
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Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☐ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. _____ as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____
- ☐ Credit any overpayment.
- ☐ Charge any additional fee required.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____)

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I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

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*This certificate may only be used if paying by deposit account.

Stephen C. Schneebarger
Signature

Dated: July 31, 2001

CC:

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

C-2501

Application Number

Applicant(s)

Tianli Zhu, et al

Filing Date

Group Art Unit

217
Jc971 U.S. PTO
09/919290
07/31/01



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,040,265	3/21/2000	Nunan	502	242	
		6,033,634	3/7/2000	Koga	422	198	
		5,464,606	11/7/1995	Buswell, et al	423	655	
		5,073,532	12/17/1991	Domesle, et al	502	304	
		4,308,176	12/29/1981	Kristiansen	252	463	
		4,170,573	11/9/1979	Ernest, et al	252	462	
		4,021,366	5/3/1977	Robin, et al	252	373	
		3,852,501	7/23/1974	Muenger	252	373	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		WO 97/44123	11/97	PCT International				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

A. Martinez-Arias, et al, "EPR study on oxygen handling properties of ceria, zirconia and Zr-Ce (1:1) mixed oxide samples", Catalysis Letters, 65 (2000), pages 197-204

Toshimasa Utaka, et al, "CO removal by oxygen-assisted water gas shift reaction over supported Cu catalysts", Applied Catalysis, (A: General), (2000), pages 21-26

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional) C-2501	Application Number
	Applicant(s) Tianli Zhu, et al	
	Filing Date	Group Art Unit

U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
		T.Bunluesin, et al, "Studies of the water-gas-shift reaction on ceria-supported Pt, Pd, and Rh: implications for oxygen storage properties", <u>Applied Catalysis, (B: Environmental)</u> , 1998, pages 107-114
		P. Fornasiero, et al, "Rh-Loaded CeO2-ZrO2 Solid Solutions as Highly Efficient Oxygen Exchangers: Dependence of the Reduction Behavior and the Oxygen Storage Capacity on the Structural Properties", <u>Journal of Catalysis</u> 151 (1995), Pages 168-177

EXAMINER	DATE CONSIDERED
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